

Please print or type in the unshaded areas only  
(fill-in areas are spaced for elite type, i.e. 12 character/inch).

FORM <b>3</b>	<b>DANGEROUS WASTE PERMIT APPLICATION</b>		I. EPA/STATE I.D. NUMBER <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td>W</td><td>A</td><td>7</td><td>8</td><td>9</td><td>0</td><td>0</td><td>0</td><td>8</td><td>9</td><td>6</td><td>7</td></tr></table>	W	A	7	8	9	0	0	0	8	9	6	7																																																																																	
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APPLICATION APPROVED	DATE RECEIVED (mo., day, & yr.)	COMMENTS																																																																																														
		<b>Pending Approval</b>																																																																																														
II. FIRST OR REVISED APPLICATION																																																																																																
<p>Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or if this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.</p>																																																																																																
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p><b>A. FIRST APPLICATION</b> (place an "X" below and provide the appropriate date)</p><div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p><input type="checkbox"/> 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)</p><table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 33%; text-align: center;">MO.</td><td style="width: 33%; text-align: center;">DAY</td><td style="width: 33%; text-align: center;">YEAR</td></tr><tr><td style="text-align: center;">03</td><td style="text-align: center;">22</td><td style="text-align: center;">1943</td></tr></table><p style="font-size: 0.8em;">*FOR EXISTING FACILITIES, PROVIDE THE DATE (mo., day, &amp; yr.) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left) *The date construction of the Hanford Facility commenced.</p></div><div style="width: 48%;"><p><input type="checkbox"/> 2. NEW FACILITY (Complete item below)</p><table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 33%; text-align: center;">MO.</td><td style="width: 33%; text-align: center;">DAY</td><td style="width: 33%; text-align: center;">YEAR</td></tr><tr><td style="height: 20px;"></td><td style="height: 20px;"></td><td style="height: 20px;"></td></tr></table><p style="font-size: 0.8em;">FOR NEW FACILITIES, PROVIDE THE DATE, (mo., day, &amp; yr.) OPERATION BEGAN OR IS EXPECTED TO BEGIN</p></div></div></div><div style="width: 48%;"><p><input checked="" type="checkbox"/> 1. FACILITY HAS AN INTERIM STATUS PERMIT</p><p><input checked="" type="checkbox"/> 2. FACILITY HAS A FINAL PERMIT</p></div></div>				MO.	DAY	YEAR	03	22	1943	MO.	DAY	YEAR																																																																																				
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EXAMPLE FOR COMPLETING SECTION III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks; one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.																																																																																																
A. PROCESS		B. PROCESS DESIGN CAPACITY																																																																																														

LINE NUMBER	CODE (from list above)	1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY			
X-1	S02	600	G				
X-2	T03	20	E				
1	S99	3,785,400	L				
2	T04	8,830	V				
3							
4							
5							
6							
7							
8							
9							
10							

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESS (CODE "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

S99

Process Code S99 (referenced in 40 CFR 265, Appendix I, Table 2) is being used to identify the storage activity in the 600 Area Purgewater Storage and Treatment Facility. The facility is permitted per WAC 173-303-400 Interim Status Facility Standards as a chemical, physical, and biological treatment unit per Subpart Q of 40 CFR Part 265 Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities.

The 600 Area Purgewater Storage and Treatment Facility consists of two above-ground modular containment units. One unit is in use. The process design for storage in this single unit is 3,785,400 liters. The second unit has never been used.

T04

Solar evaporation. Approximately 8,800 liters per day can be treated by solar evaporation in the single modular containment unit. This estimate is based on evaporation rates calculated for the Hanford Facility.

## IV. DESCRIPTION OF DANGEROUS WASTES

A. **DANGEROUS WASTE NUMBER** - Enter the four digit number from Chapter 173-303 WAC for each listed dangerous waste you will handle. If you handle dangerous wastes which are not listed in Chapter 173-303 WAC, enter the four digit number(s) that describe the characteristics and/or the toxic contaminants of those dangerous wastes.

B. **ESTIMATED ANNUAL QUANTITY** - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. **UNIT OF MEASURE** - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE		METRIC UNIT OF MEASURE CODE	
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

## D. PROCESSES

## 1. PROCESS CODES:

For listed dangerous waste: For each listed dangerous waste entered in column A select the code(s) from the list of process codes contained in Section III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed dangerous wastes: For each characteristic or toxic contaminant entered in Column A, select the code(s) from the list of process codes contained in Section III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed dangerous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

## 2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: DANGEROUS WASTES DESCRIBED BY MORE THAN ONE DANGEROUS WASTE NUMBER - Dangerous wastes that can be described by more than one Waste Number shall be described on the form as follows:

- Select one of the Dangerous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other Dangerous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
- Repeat step 2 for each other Dangerous Waste Number that can be used to describe the dangerous waste.

EXAMPLE FOR COMPLETING SECTION IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. DANGEROUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES				
				1. PROCESS CODES (enter)			2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
X-1	K054	900	P	T03	D80			
X-2	D002	400	P	T03	D80			
X-3	D001	100	P	T03	D80			
X-4	D002			T03	D80			included with above
1	F001	2,200	M	S99	T04			Storage/Solar Evaporation
2	F002		↓	↓	↓			Included with above
3	F003		↓	↓	↓			Included with above
4	F004		↓	↓	↓			Included with above
5	F005		↓	↓	↓			Included with above
6	D019		↓	↓	↓			Included with above
7								
8								
9								
10								

## E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM SECTION D(1) ON PAGE 3.

Liquids associated with well activities and other processes are stored and treated by solar evaporation in the 600 Area Purgewater Storage and

V. FACILITY DRAWING	<b>Refer to attached drawing(s).</b>
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VI. PHOTOGRAPHS **Refer to attached photograph(s).**

**VII. FACILITY GEOGRAPHIC LOCATION**    **This information is provided on the attached drawing(s) and photograph(s).**

LONGITUDE (degrees, minutes, & seconds)

[illegible]

## VIII. FACILITY OWNER

- ☒ A. If the facility owner is also the facility operator as listed in Section VII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.
- ☐ B. If the facility owner is not the facility operator as listed in Section VII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code &amp; no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

## IX. OWNER CERTIFICATION

*I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.*

NAME (print or type)

SIGNATURE

DATE SIGNED

John D. Wagoner, Manager  
U.S. Department of Energy  
Richland Operations Office

John D. Wagoner

09/11/1998

## X. OPERATOR CERTIFICATION

*I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.*

NAME (print or type)

SIGNATURE

DATE SIGNED

SEE ATTACHMENT

*X. OPERATOR CERTIFICATION*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

John D. Wagoner  
Owner/Operator  
John D. Wagoner, Manager  
U.S. Department of Energy  
Richland Operations Office

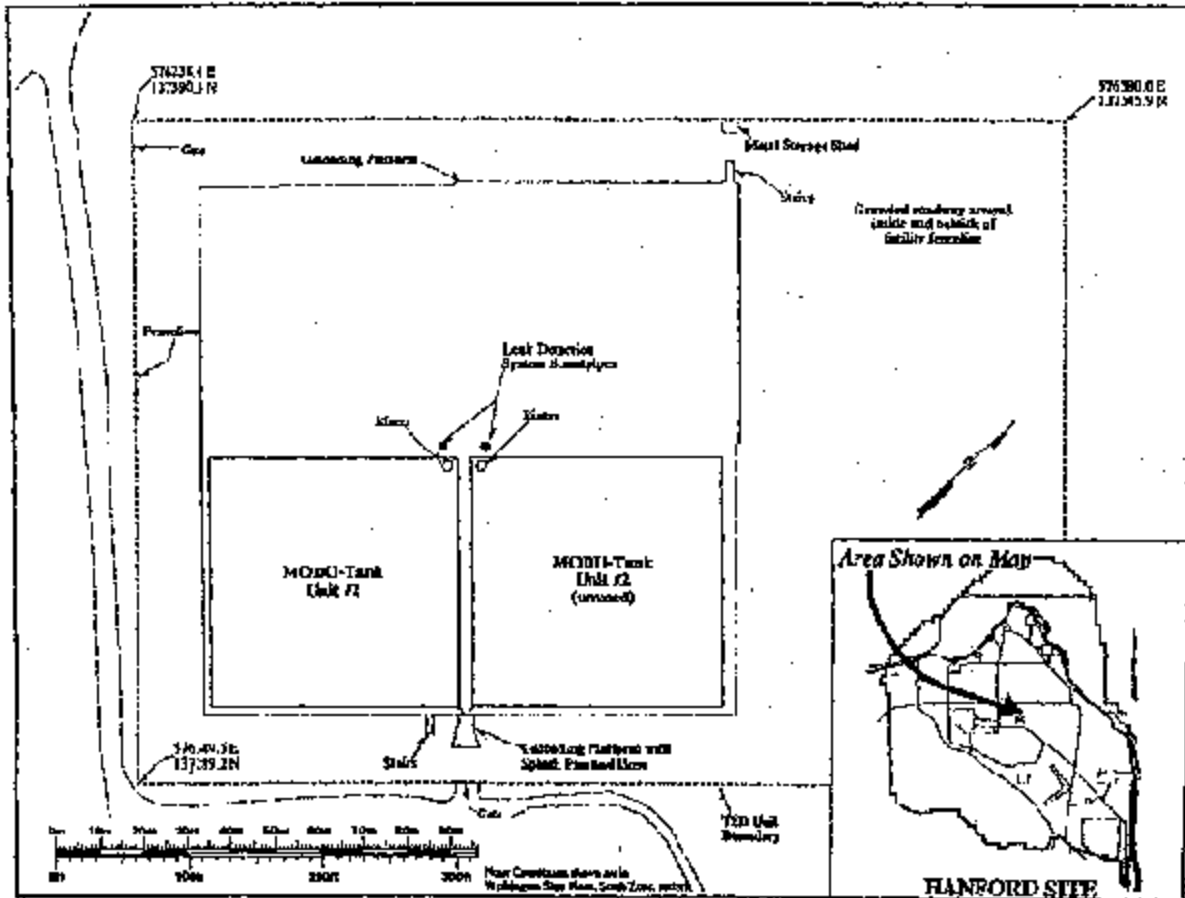
9/11/98  
Date

S. D. Liedle  
Co-Operator  
S. D. Liedle, President  
Bechtel Hanford, Inc.

7/29/98  
Date

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# 600 AREA PURGEWATER STORAGE AND TREATMENT FACILITY SITE PLAN



## 600 AREA PURGEWATER STORAGE AND TREATMENT FACILITY



46°45'33"  
119°45'33"

89122121-3CN  
(PHOTO TAKEN 1989)